

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099231.D
 Acq On : 8 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5678-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Quant Time: Oct 09 01:52:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137244	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	573806	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	263754	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	479129	20.00	ng	0.00
75) Chrysene-d12	14.03	240	364752	20.00	ng	0.00
86) Perylene-d12	15.50	264	265379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1062189	123.20	ng	0.03
7) Phenol-d6	6.50	99	1262293	118.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	814801	91.06	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	304553	141.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1483211	93.88	ng	0.00
78) Terphenyl-d14	12.97	244	1379901	86.04	ng	0.00

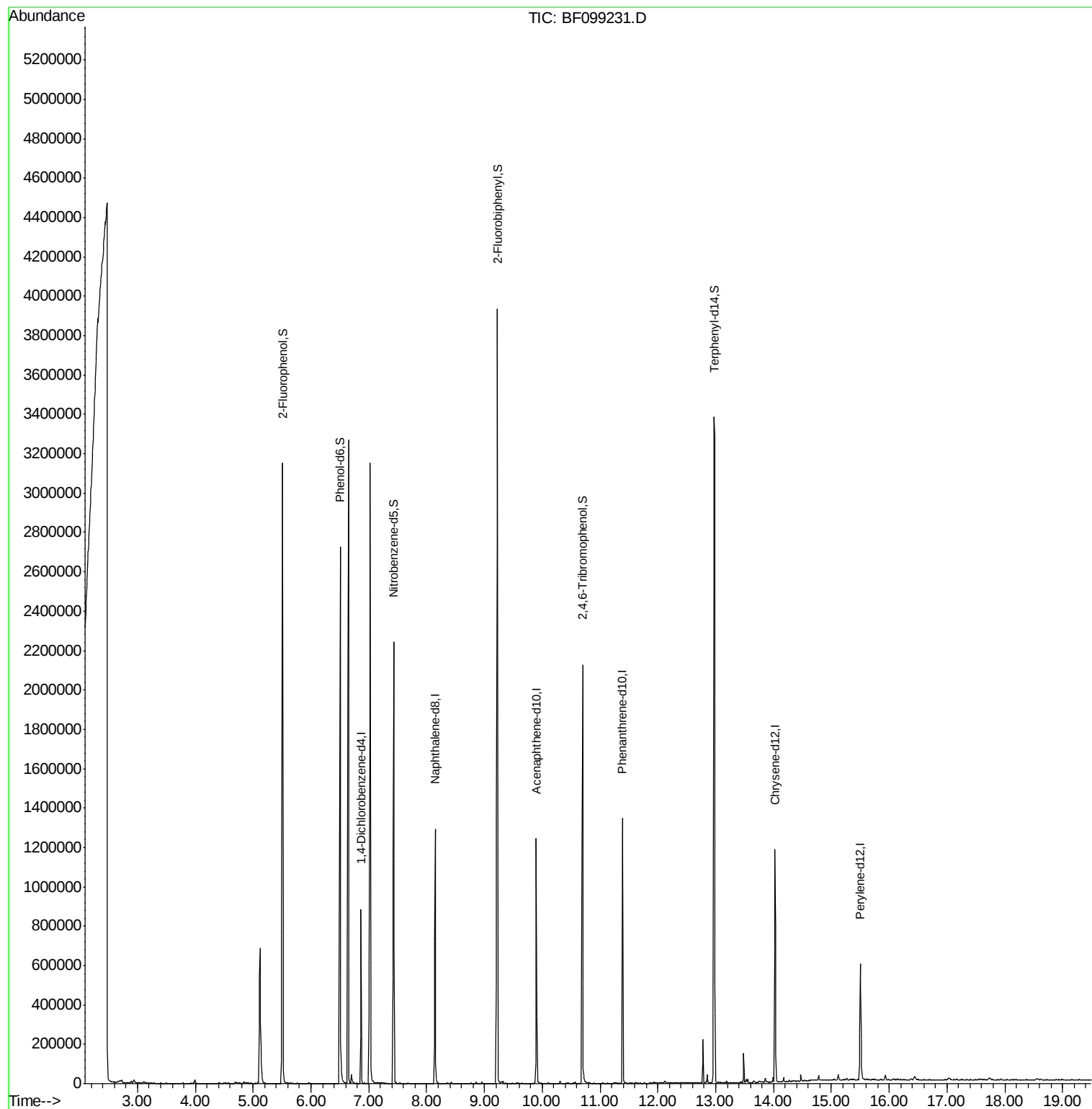
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099231.D
Acq On : 8 Oct 2017 14:42
Operator : SJ/JU
Sample : I5678-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-100417

Quant Time: Oct 09 01:52:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



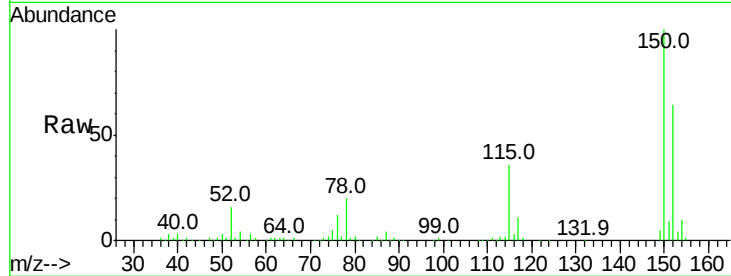


#1

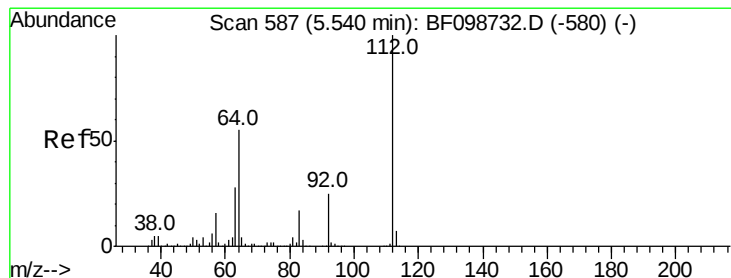
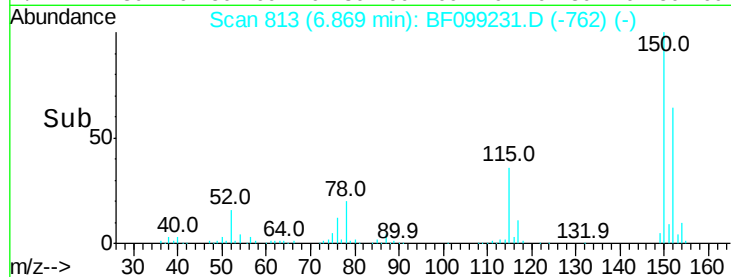
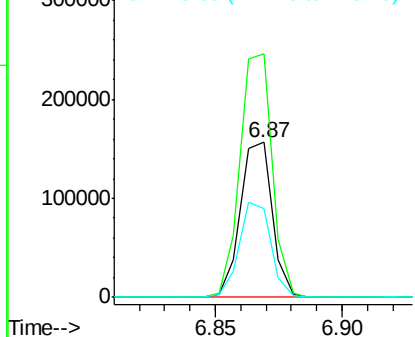
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Tot Ion:152 Resp: 137244
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 57.3 50.1 75.1



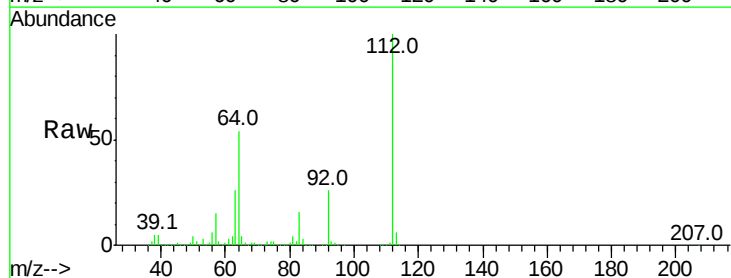
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



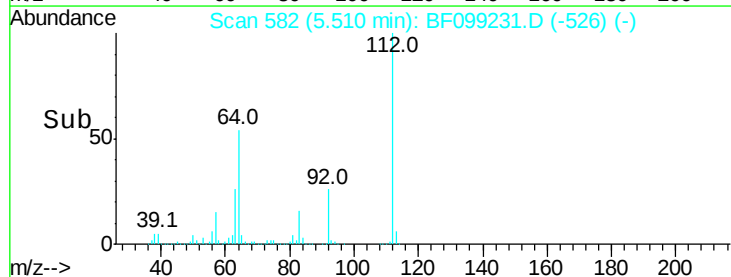
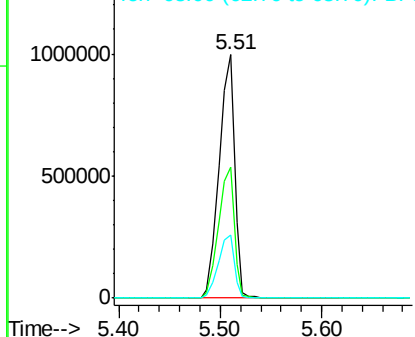
#5

2-Fluorophenol
 Concen: 123.204 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.03 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion:112 Resp: 1062189
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 26.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.687 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

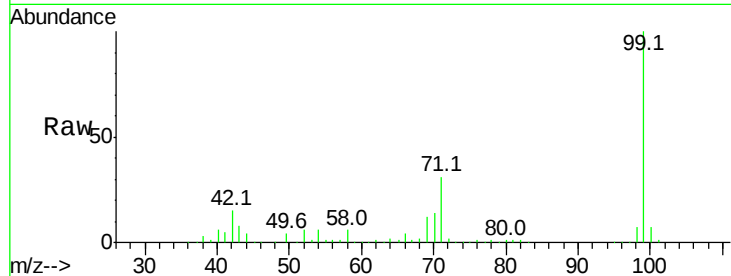
Tot Ion: 99 Resp: 1262293

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

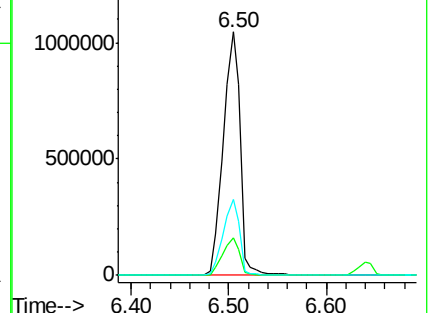
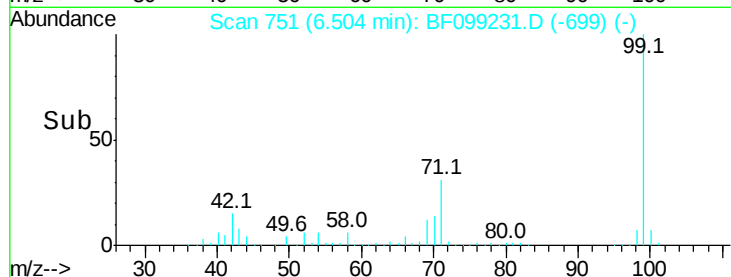
71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Tgt Ion: 136 Resp: 573806

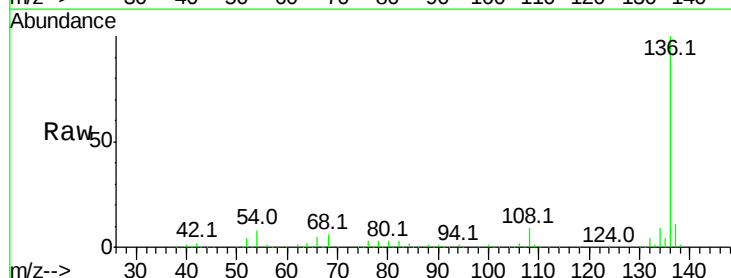
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

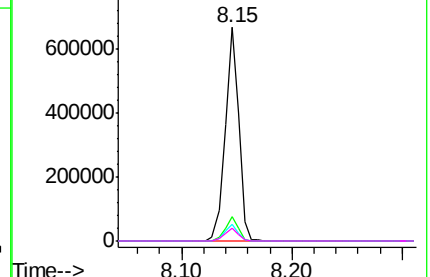
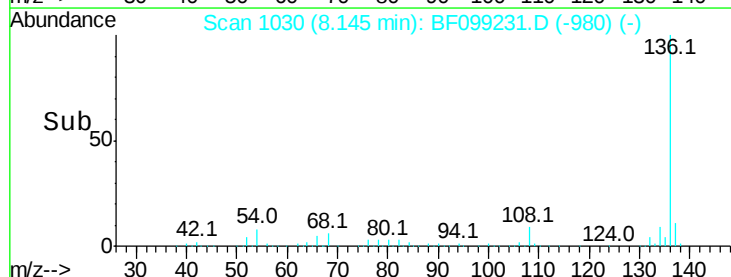


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

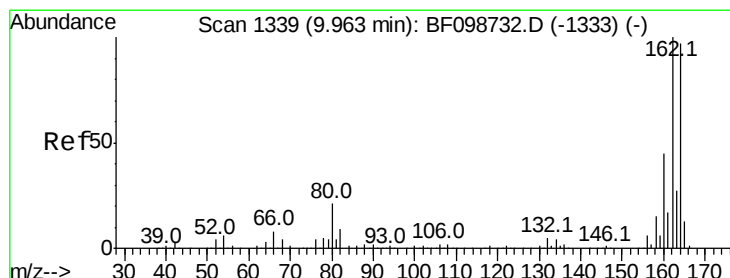
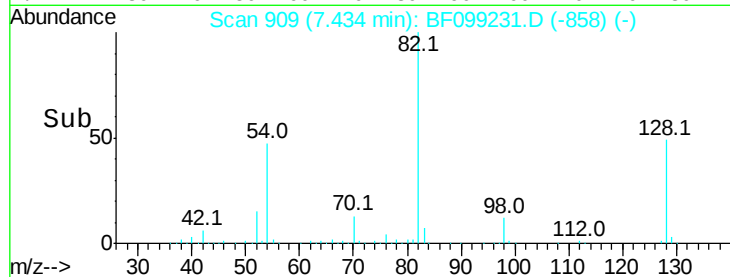
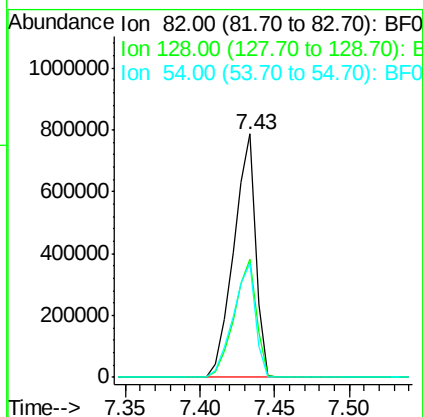
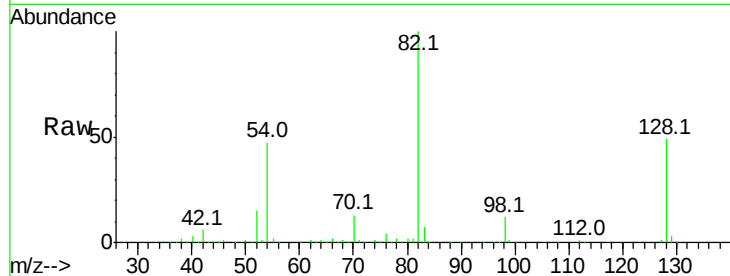




#23
 Nitrobenzene-d5
 Concen: 91.064 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

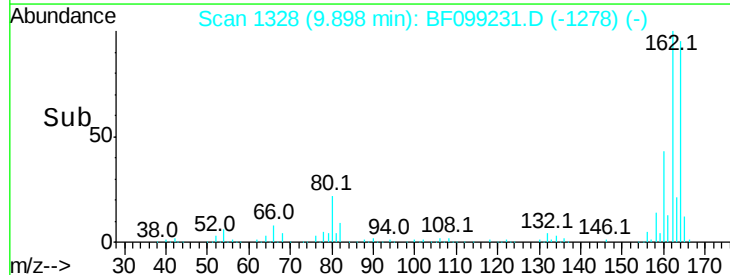
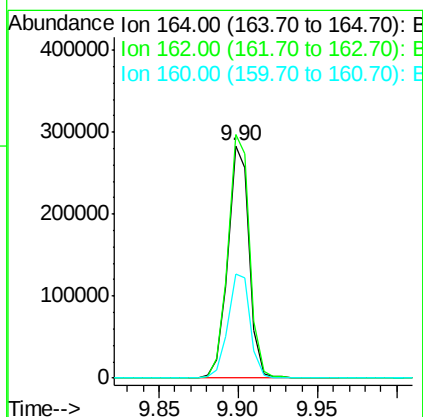
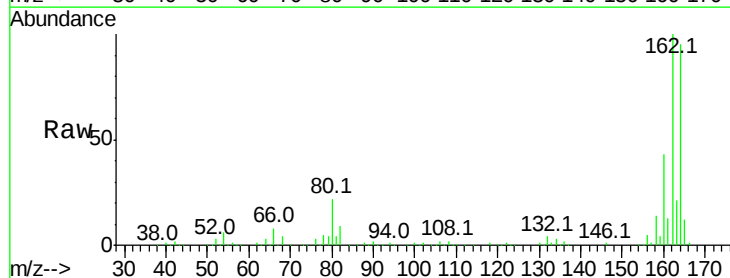
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Tot Ion: 82 Resp: 814801
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 46.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion:164 Resp: 263754
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 44.6 38.3 57.5

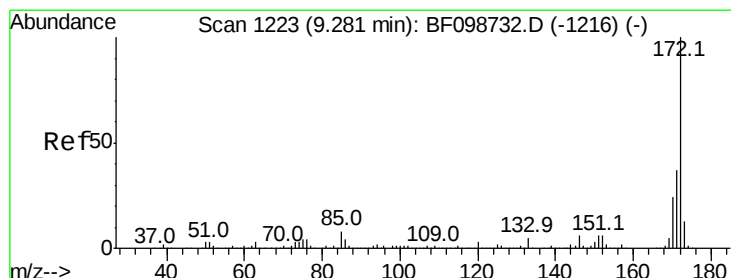
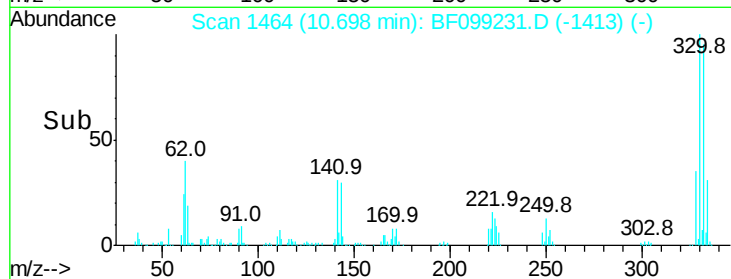
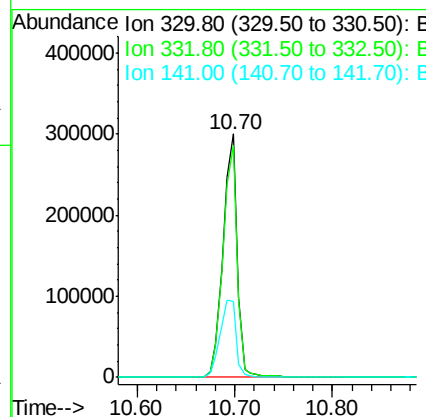
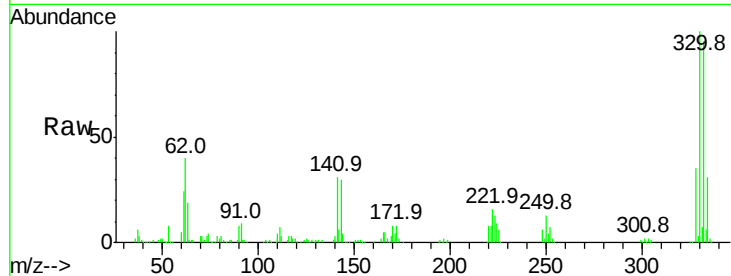




#41
 2,4,6-Tribromophenol
 Concen: 141.113 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

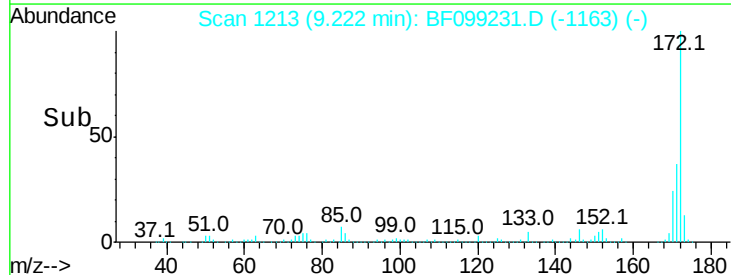
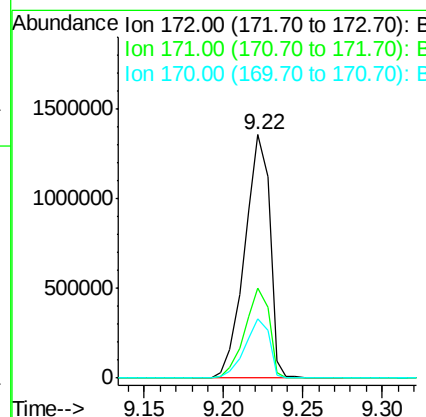
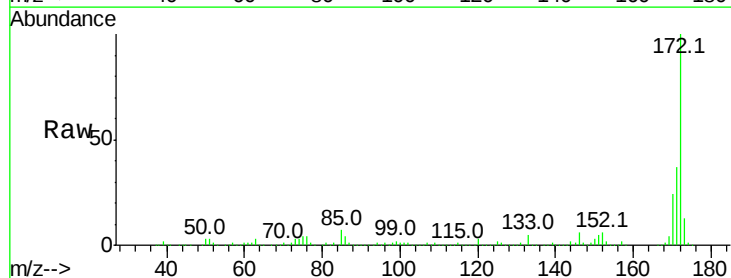
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

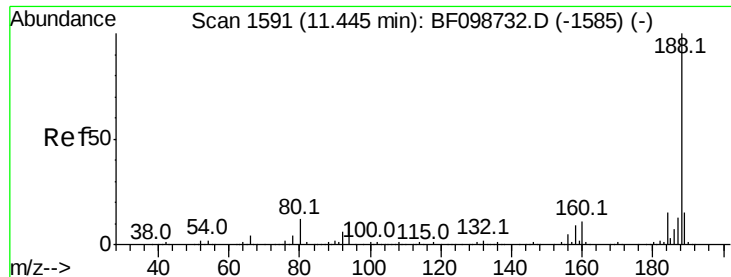
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.879 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

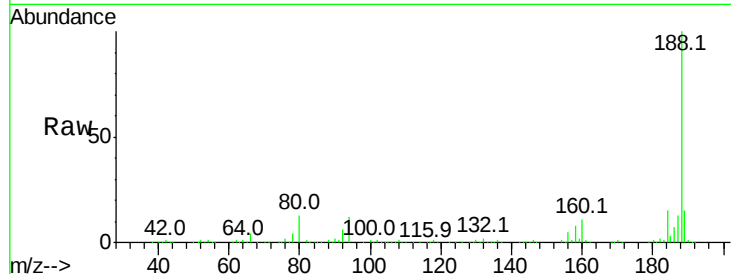




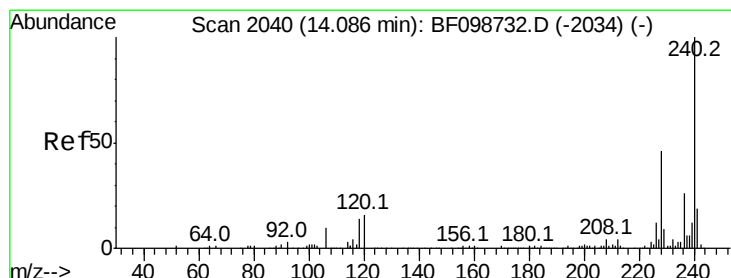
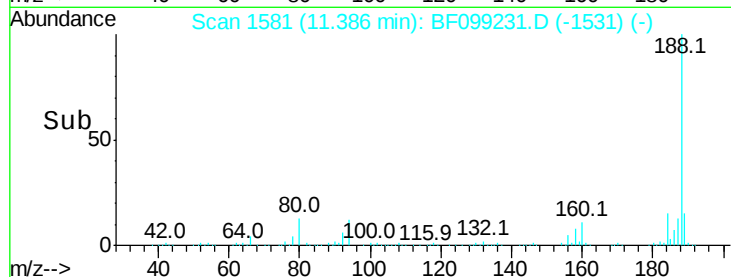
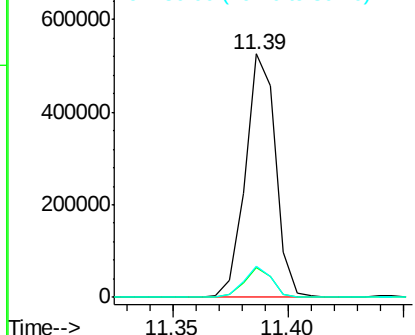
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Instrument :
BNA_F
ClientSampleId :
OR-03-100417

Tot Ion:188 Resp: 479129
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.8 9.2 13.8

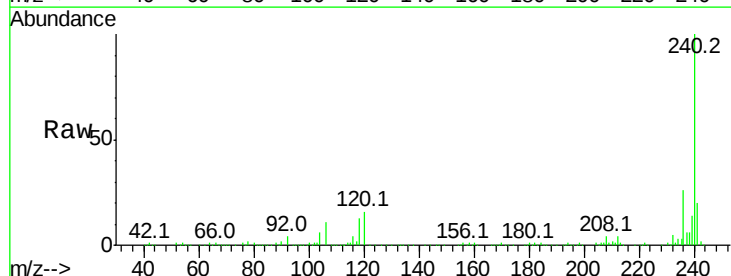


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

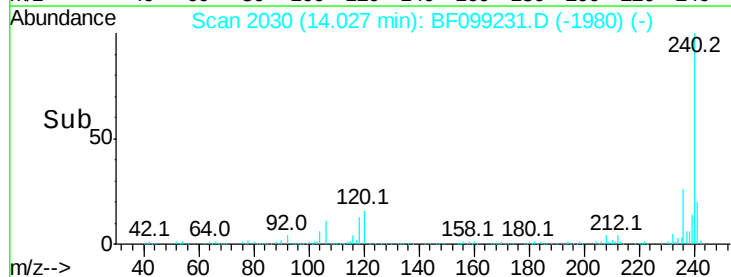
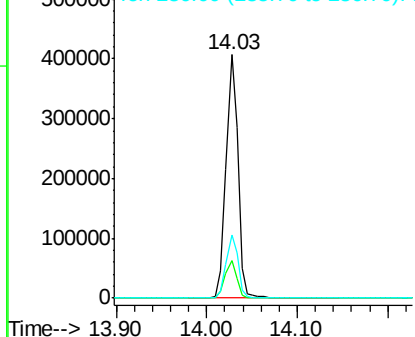


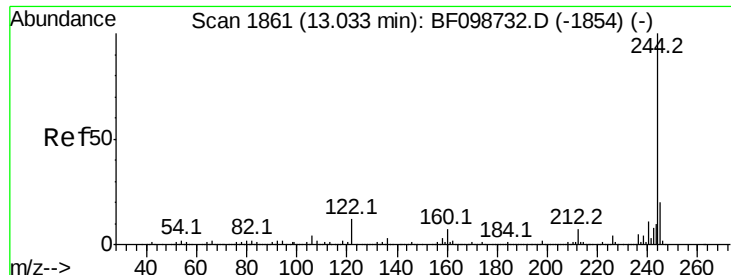
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Tgt Ion:240 Resp: 364752
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.036 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

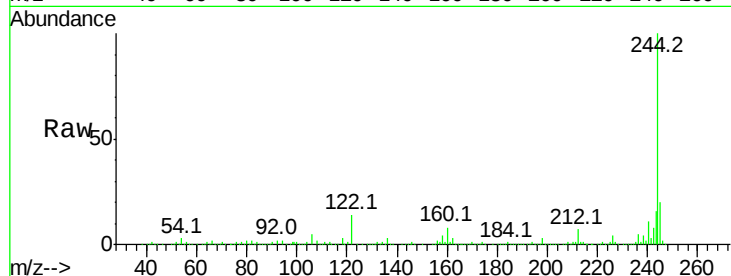
Tot Ion:244 Resp: 1379901

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

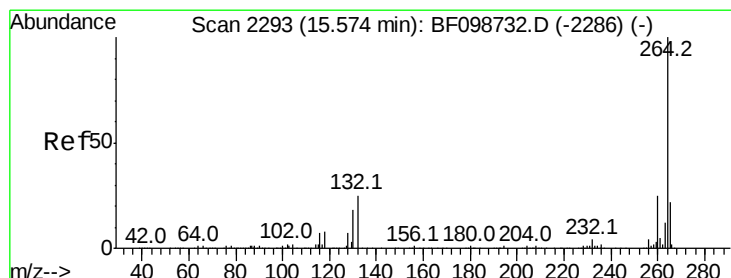
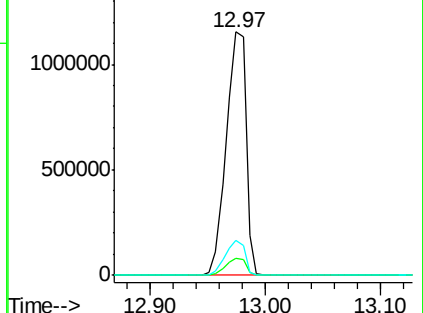
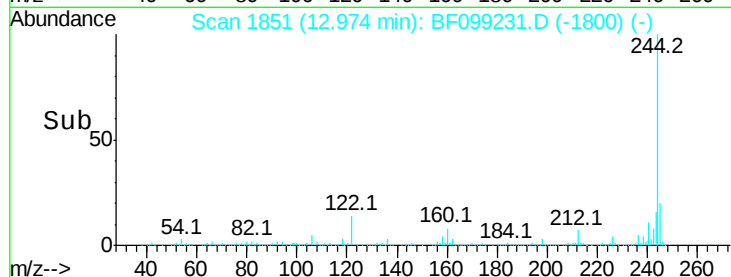
122 14.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

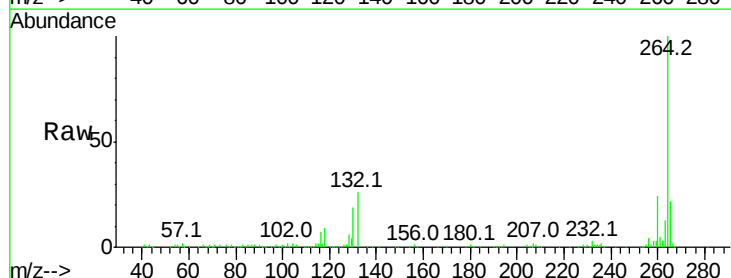
Tgt Ion:264 Resp: 265379

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

